

Converting Colors

Android(4278201727)

Have a look what the booklet for
Android(4278201727) contains.

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Color

Android(4278201727)

Conversions

Conversions Part 1

Format	Color
Hex	002D7F
RGB	0, 45, 127
RGB Percent	0%, 18%, 50%
CMY	1.0000, 0.8235, 0.5020
CMYK	1.00, 0.65, 0.00, 0.50
HSL	219°, 100%, 25%
HSV	219°, 100%, 50%
XYZ	4.7692, 3.4091, 20.4853
YIQ	40.8930, -53.1420, 15.9620

Conversions

Conversions Part 2

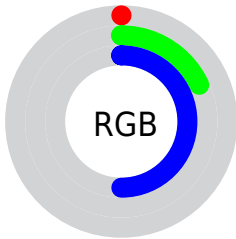
Format	Color
RYB	0, 33, 127
Decimal	11647
CIELab	21.61, 22.29, -49.75
CIELCh	22, 54.518, 294.137
Yxy	3.4091, 0.1664, 0.1189
Android (android.graphics.Color)	4278201727 (0xFF002D7F)
YUV	40.8930, 42.4508, -35.8632
Hunter-Lab	18.4637, 13.7949, -52.8572

Details

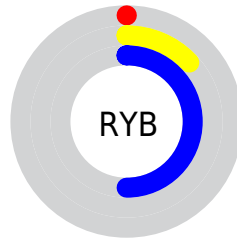
The Android color **4278201727** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286534144**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4283259573**, and **4278190157** is the 20% darker color. If you saturate the color by 10%, you get **4278201727**, and if you desaturate by 10%, it is **4279055743**.

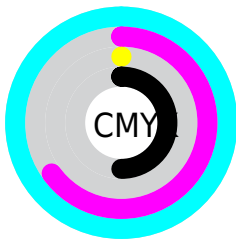
Distribution



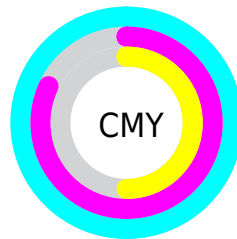
- Red (0%)
- Green (18%)
- Blue (50%)



- Red (0%)
- Yellow (13%)
- Blue (50%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (82%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278201727 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4278201727 by changing the saturation by 10% instead.

 4278201727

 4278201727

4294967295

 4278196581

 4283259573

 4278190157

 4285166545

 4278191413

 4287007981

 4278190623

 4288915199

 4278190082

 4290757119

 4278190080

 4292730367

 4294638335

 4278201727

■ 4279055743

■ 4279844223

■ 4280698495

■ 4281552511

■ 4282406527

■ 4283195007

■ 4284049023

■ 4284903295

■ 4285691775

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4278205574



4278201727



4284092004

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278201727



4284750336



4278207274

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4278201727



4286534144

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278206464



4278201727



4282855424

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4278201727



4285857814



4280367872



4278207572

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4278201727



4285399115



4280367872



4278207004

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4278201727



4285826726



4278222672



4281745748



4292138196



4283716692

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4278201727



4278205350



4279304319



4281941056



4278201728



4278190080

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4286513197



4289069115



4285431552



4282399036



4286578733



4278190080

Previews

White Background



This preview shows how the Android color 4278201727 looks on a white background.

Color Contrast Check

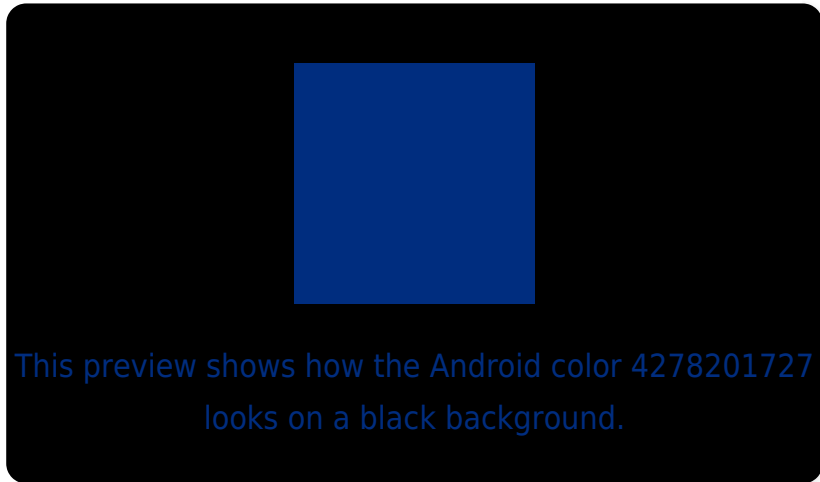
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

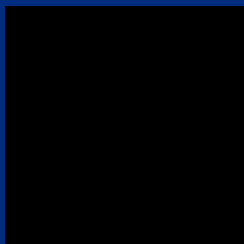
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278201727 Background



This preview shows how black text looks on a background with the Android color 4278201727.



This preview shows how white text looks on a background with the Android color 4278201727.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

4278201727

Protanopia

4278203243

Deuteranopia

4278203996

Trichromacy



Original Color

4278201727

Protanomaly

4278202738

Deuteranomaly

4278203241

Tritanomaly

4278203990

Monochromacy



Original Color

4278201727

Achromatopsia

4280887593

Achromatomaly

4279904840

CSS Examples

Text

The CSS property to change the color of the text to Android 4278201727 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 45, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 127)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 45, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 127) }
```

Border

The CSS property to change the border of an element to Android 4278201727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 45, 127) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 45, 127) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 45, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 127)  
}
```

Background

The CSS property to change the background color of an element to Android 4278201727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 127) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 45,  
127) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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